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DATE: Wednesday, August 15, 2007

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<input type="checkbox"/>	L14	L13 and (fat regulatory factor)	1
<input type="checkbox"/>	L13	leptin	6637
<input type="checkbox"/>	L12	fat regulatory factor	2
<input type="checkbox"/>	L11	L10 and (EGLN1 or EGLN2 or EGLN3)	29
<input type="checkbox"/>	L10	prolyl hydroxylase	396
<input type="checkbox"/>	L9	L8 and l7 and l6	4
<input type="checkbox"/>	L8	HIF 3 alpha	10
<input type="checkbox"/>	L7	HIF 2 alpha	27
<input type="checkbox"/>	L6	HIF 1 alpha	252
<input type="checkbox"/>	L5	L4 and (stabilize)	13
<input type="checkbox"/>	L4	hypoxia inducible factor alpha	30
<input type="checkbox"/>	L3	HIF alpha	92
<input type="checkbox"/>	L2	fat metabolic process	3
<input type="checkbox"/>	L1	fat metabolism	1474

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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAY 01 New CAS web site launched  
NEWS 3 MAY 08 CA/CAPLUS Indian patent publication number format defined  
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields  
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data  
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload  
NEWS 7 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents  
NEWS 8 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents  
NEWS 9 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers  
NEWS 10 JUN 29 STN Viewer now available  
NEWS 11 JUN 29 STN Express, Version 8.2, now available  
NEWS 12 JUL 02 LEMBASE coverage updated  
NEWS 13 JUL 02 LEMBASE coverage updated  
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 15 JUL 02 CHEMCATS accession numbers revised  
NEWS 16 JUL 02 CA/CAPLUS enhanced with utility model patents from China  
NEWS 17 JUL 16 CAPLUS enhanced with French and German abstracts  
NEWS 18 JUL 18 CA/CAPLUS patent coverage enhanced  
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 20 JUL 30 USGENE now available on STN  
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 22 AUG 06 BEILSTEIN updated with new compounds  
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 24 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
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=> file medline biosis embase caplus  
COST IN U.S. DOLLARS

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=> s fat metabolism  
L1 10118 FAT METABOLISM

=> s HIF alpha  
L2 960 HIF ALPHA

=> s hypoxia inducible factor alpha  
L3 478 HYPOXIA INDUCIBLE FACTOR ALPHA

=> s l3 and (stabilize)  
L4 25 L3 AND (STABILIZE)

=> s l2 and (stabilize)  
L5 51 L2 AND (STABILIZE)

=> s prolyl hydroxylase  
L6 3711 PROLYL HYDROXYLASE

=> s l6 and (EGLN1 or EGLN2 or EGLN3)  
L7 93 L6 AND (EGLN1 OR EGLN2 OR EGLN3)

=> s leptin  
L8 54674 LEPTIN

=> s l8 and (fat regulatory factor)  
L9 1 L8 AND (FAT REGULATORY FACTOR)

=> s l1 and l2  
L10 1 L1 AND L2

=> dup rem l4  
PROCESSING COMPLETED FOR L4  
L11 10 DUP REM L4 (15 DUPLICATES REMOVED)

=> dup rem l5  
PROCESSING COMPLETED FOR L5  
L12 18 DUP REM L5 (33 DUPLICATES REMOVED)

=> d l11 1-10

L11	ANSWER 1 OF 10	MEDLINE on STN	DUPLICATE 1
AN	2007239109	MEDLINE	
DN	PubMed ID: 17344222		
TI	EGLN3 prolyl hydroxylase regulates skeletal muscle differentiation and		

myogenin protein stability.

AU Fu Jian; Menzies Keon; Freeman Robert S; Taubman Mark B  
 CS Cardiovascular Research Institute and Department of Medicine, Univeristy  
 of Rochester Medical Center, Rochester, NY 14642, USA..  
 jian\_fu@urmc.rochester.edu  
 NC R01 HL43302 (NHLBI)  
 SO The Journal of biological chemistry, (2007 Apr 27) Vol. 282, No. 17, pp.  
 12410-8. Electronic Publication: 2007-03-06.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, N.I.H., EXTRAMURAL)  
 LA English  
 FS Priority Journals  
 EM 200706  
 ED Entered STN: 24 Apr 2007  
 Last Updated on STN: 15 Jun 2007  
 Entered Medline: 14 Jun 2007

L11 ANSWER 2 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 DUPLICATE 2  
 AN 2006:470077 BIOSIS  
 DN PREV200600462160  
 TI Inhibition of cytochrome c oxidase subunit 4 precursor processing by the  
 hypoxia mimic cobalt chloride.  
 AU Hervouet, Eric; Pecina, Petr; Demont, Jocelyne; Vojtiskova, Alena;  
 Simonnet, Helene; Houstek, Josef; Godinot, Catherine [Reprint Author]  
 CS Univ Lyon 1, CNRS, UMR 5534, Ctr Genet Mol and Cellulaire, F-69622  
 Villeurbanne, France  
 godinot@univ-lyon1.fr  
 SO Biochemical and Biophysical Research Communications, (JUN 16 2006) Vol.  
 344, No. 4, pp. 1086-1093.  
 CODEN: BBRCA9. ISSN: 0006-291X.  
 DT Article  
 LA English  
 ED Entered STN: 20 Sep 2006  
 Last Updated on STN: 20 Sep 2006

L11 ANSWER 3 OF 10 MEDLINE on STN DUPLICATE 3  
 AN 2006254782 MEDLINE  
 DN PubMed ID: 16678111  
 TI p53 stabilization and transactivation by a von Hippel-Lindau protein.  
 AU Roe Jae-Seok; Kim Hyungsoo; Lee Soon-Min; Kim Sung-Tae; Cho Eun-Jung; Youn  
 Hong-Duk  
 CS Department of Biochemistry and Molecular Biology, Cancer Research  
 Institute, Interdisciplinary Program in Genetic Engineering, Seoul  
 National University College of Medicine, Seoul 110-799, Republic of Korea.  
 SO Molecular cell, (2006 May 5) Vol. 22, No. 3, pp. 395-405.  
 Journal code: 9802571. ISSN: 1097-2765.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200606  
 ED Entered STN: 9 May 2006  
 Last Updated on STN: 8 Jun 2006  
 Entered Medline: 7 Jun 2006

L11 ANSWER 4 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2006:206496 BIOSIS  
 DN PREV200600205339  
 TI Mouse model for noninvasive imaging of HIF prolyl hydroxylase activity:  
 Assessment of an oral agent that stimulates erythropoietin production.

AU Safran, Michal; Kim, William Y.; O'Connell, Fionnuala; Flippin, Lee; Guenzler, Volkmar; Horner, James W.; DePinho, Ronald A.; Kaelin, William G. Jr [Reprint Author]  
 CS Harvard Univ, Dept Med Oncol, Brigham and Womens Hosp, Dana Farber Canc Inst, Sch Med, Boston, MA 02115 USA  
 william\_kaelin@dfci.harvard.edu  
 SO Proceedings of the National Academy of Sciences of the United States of America, (JAN 3 2006) Vol. 103, No. 1, pp. 105-110.  
 CODEN: PNASA6. ISSN: 0027-8424.  
 DT Article  
 LA English  
 ED Entered STN: 22 Mar 2006  
 Last Updated on STN: 22 Mar 2006

L11 ANSWER 5 OF 10 MEDLINE on STN DUPLICATE 4  
 AN 2004082786 MEDLINE  
 DN PubMed ID: 14973063  
 TI Tumor suppressor von Hippel-Lindau (VHL) stabilization of Jade-1 protein occurs through plant homeodomains and is VHL mutation dependent.  
 AU Zhou Mina I; Wang Hongmei; Foy Rebecca L; Ross Jonathan J; Cohen Herbert T  
 CS Renal and Hematology/Oncology Sections, Departments of Medicine and Pathology, Boston University School of Medicine, 650 Albany Street, Boston, MA 02118, USA.  
 NC R01 CA 79830 (NCI)  
 SO Cancer research, (2004 Feb 15) Vol. 64, No. 4, pp. 1278-86.  
 Journal code: 2984705R. ISSN: 0008-5472.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 200404  
 ED Entered STN: 20 Feb 2004  
 Last Updated on STN: 3 Apr 2004  
 Entered Medline: 2 Apr 2004

L11 ANSWER 6 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2004:162349 BIOSIS  
 DN PREV200400166489  
 TI A cross-talk between hypoxia and TGF-beta orchestrates erythropoietin gene regulation through Sp1 and Smads.  
 AU Sanchez-Elsner, Tilman; Ramirez, Jose R.; Rodriguez-Sanz, Francisco; Varela, Elisa; Bernabeu, Carmelo; Botella, Luisa M. [Reprint Author]  
 CS Centro de Investigaciones Biologicas, CSIC, Ramiro de Maeztu, 9, Madrid, 28040, Spain  
 cibluisa@cib.csic.es  
 SO Journal of Molecular Biology, (6 February 2004) Vol. 336, No. 1, pp. 9-24. print.  
 ISSN: 0022-2836 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 24 Mar 2004  
 Last Updated on STN: 24 Mar 2004

L11 ANSWER 7 OF 10 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2003039122 EMBASE  
 TI Gastric epithelial reactive oxygen species prevent normoxic degradation of hypoxia-inducible factor-.alpha. in gastric cancer cells.  
 AU Park J.-H.; Kim T.-Y.; Jong H.-S.; Kim T.Y.; Chun Y.-S.; Park J.-W.; Lee C.-T.; Jung H.C.; Kim N.K.; Bang Y.-J.  
 CS Y.-J. Bang, Department of Internal Medicine, Seoul Natl. Univ. Coll. of Medicine, Seoul 110-799, Korea, Republic of. bangyj@plaza.snu.ac.kr

SO Clinical Cancer Research, (1 Jan 2003) Vol. 9, No. 1 I, pp. 433-440. .  
 Refs: 43  
 ISSN: 1078-0432 CODEN: CCREF4  
 CY United States  
 DT Journal; Article  
 FS 005 General Pathology and Pathological Anatomy  
 016 Cancer  
 048 Gastroenterology  
 LA English  
 SL English  
 ED Entered STN: 7 Feb 2003  
 Last Updated on STN: 7 Feb 2003

L11 ANSWER 8 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2003:304114 BIOSIS  
 DN PREV200300304114  
 TI THE ROLE OF CALCIUM IN THE REGULATION OF HYPOXIA - INDUCIBLE FACTOR ( HIF ) ALPHA SUBUNITS.  
 AU Bauer, A. L. [Reprint Author]; Schnell, P. O. [Reprint Author]; Striet, J. B. [Reprint Author]; Czyzyk-Krzeska, M. F. [Reprint Author]  
 CS Dept Molec and Cell Physiol, Univ Cincinnati, Coll Med, Cincinnati, OH, USA  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 436.12. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; (Meeting Poster)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 2 Jul 2003  
 Last Updated on STN: 2 Jul 2003

L11 ANSWER 9 OF 10 MEDLINE on STN DUPLICATE 5  
 AN 1999333714 MEDLINE  
 DN PubMed ID: 10403805  
 TI Characterization of an oxygen/redox-dependent degradation domain of hypoxia-inducible factor alpha (HIF-alpha) proteins.  
 AU Srinivas V; Zhang L P; Zhu X H; Caro J  
 CS Cardeza Foundation for Hematologic Research, Department of Medicine, Thomas Jefferson University, Philadelphia, Pennsylvania, 19107-5099, USA.  
 SO Biochemical and biophysical research communications, (1999 Jul 5) Vol. 260, No. 2, pp. 557-61.  
 Journal code: 0372516. ISSN: 0006-291X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199908  
 ED Entered STN: 16 Aug 1999  
 Last Updated on STN: 3 Mar 2000  
 Entered Medline: 5 Aug 1999

L11 ANSWER 10 OF 10 MEDLINE on STN DUPLICATE 6  
 AN 1999120730 MEDLINE  
 DN PubMed ID: 9923855  
 TI aHIF: a natural antisense transcript overexpressed in human renal cancer and during hypoxia.  
 AU Thrash-Bingham C A; Tartof K D  
 CS Fox Chase Cancer Center, Philadelphia, PA, USA.  
 NC CA06927 (NCI)  
 SO Journal of the National Cancer Institute, (1999 Jan 20) Vol. 91, No. 2, pp. 143-51.

Journal code: 7503089. ISSN: 0027-8874.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 199902  
ED Entered STN: 23 Feb 1999  
Last Updated on STN: 23 Feb 1999  
Entered Medline: 9 Feb 1999

=> d 112 1-18

L12 ANSWER 1 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 2007:84231 BIOSIS  
DN PREV200700086964  
TI Mitochondrial reactive oxygen species are required for hypoxic HIF  
alpha stabilization.  
AU Simon, M. Celeste [Reprint Author]  
CS Univ Penn, Sch Med, Howard Hughes Med Inst, Philadelphia, PA 19104 USA  
celeste2@mail.med.upenn.edu  
SO Roach, RC [Editor]; Wagner, PD [Editor]; Hackett, PH [Editor]. Adv. Exp.  
Med. Biol., (2006) pp. 165-170. Advances in Experimental Medicine and  
Biology.  
Publisher: KLUWER ACADEMIC/PLENUM PUBL, 233 SPRING ST, NEW YORK, NY 10013  
USA. Series: ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY.  
Meeting Info.: 14th International Hypoxia Symposium. Lake Louise, CANADA.  
February 23 -27, 2005.  
CODEN: AEMBAP. ISSN: 0065-2598. ISBN: 0-387-34816-6(H).  
DT Book; (Book Chapter)  
Conference; (Meeting)  
LA English  
ED Entered STN: 31 Jan 2007  
Last Updated on STN: 31 Jan 2007

L12 ANSWER 2 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
DUPLICATE 1  
AN 2006:419941 BIOSIS  
DN PREV200600420034  
TI Cell-type-specific regulation of degradation of hypoxia-inducible factor 1  
alpha: Role of subcellular compartmentalization.  
AU Zheng, Xiaowei; Ruas, Jorge L.; Cao, Renhai; Salomons, Florian A.; Cao,  
Yihai; Poellinger, Lorenz [Reprint Author]; Pereira, Teresa  
CS Karolinska Inst, Dept Cell and Mol Biol, S-17177 Stockholm, Sweden  
lorenz.poellinger@cmb.ki.se  
SO Molecular and Cellular Biology, (JUN 2006) Vol. 26, No. 12, pp. 4628-4641.  
CODEN: MCEBD4. ISSN: 0270-7306.  
DT Article  
LA English  
ED Entered STN: 23 Aug 2006  
Last Updated on STN: 23 Aug 2006

L12 ANSWER 3 OF 18 MEDLINE on STN DUPLICATE 2  
AN 2006257144 MEDLINE  
DN PubMed ID: 16643849  
TI Inhibition of cytochrome c oxidase subunit 4 precursor processing by the  
hypoxia mimic cobalt chloride.  
AU Hervouet Eric; Pecina Petr; Demont Jocelyne; Vojtiskova Alena; Simonnet  
Helene; Houstek Josef; Godinot Catherine  
CS Centre de Genetique Moleculaire et Cellulaire, UMR 5534, Centre National  
de la Recherche Scientifique-Universite Claude Bernard de Lyon 1-69622  
Villeurbanne, France.

SO Biochemical and biophysical research communications, (2006 Jun 16) Vol. 344, No. 4, pp. 1086-93. Electronic Publication: 2006-04-19.  
Journal code: 0372516. ISSN: 0006-291X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 200607

ED Entered STN: 10 May 2006  
Last Updated on STN: 20 Jul 2006  
Entered Medline: 19 Jul 2006

L12 ANSWER 4 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
DUPLICATE 3

AN 2006:469082 BIOSIS

DN PREV200600475730

TI p53 stabilization and transactivation by a von Hippel-Lindau protein.

AU Roe, Jae-Seok; Kim, Hyungsoo; Lee, Soon-Min; Kim, Sung-Tae; Cho, Eun-Jung; Youn, Hong-Duk [Reprint Author]

CS Seoul Natl Univ, Coll Med, Inst Canc Res, Dept Biochem and Mol Biol, Interdisciplinary Program, Seoul 110799, South Korea  
hdyoun@snu.ac.kr

SO Molecular Cell, (MAY 5 2006) Vol. 22, No. 3, pp. 395-405.  
ISSN: 1097-2765.

DT Article

LA English

ED Entered STN: 20 Sep 2006  
Last Updated on STN: 20 Sep 2006

L12 ANSWER 5 OF 18 MEDLINE on STN

AN 2006656504 MEDLINE

DN PubMed ID: 17089888

TI Mitochondrial reactive oxygen species are required for hypoxic HIF alpha stabilization.

AU Simon M Celeste

CS Howard Hughes Medical Institute, Dept. of Cell and Dev. Biology and Abramson Family Cancer Research Institute, University of Pennsylvania School of Medicine, Philadelphia, PA 19104-6160, USA..  
celeste2@mail.med.upenn.edu

SO Advances in experimental medicine and biology, (2006) Vol. 588, pp. 165-70. Ref: 15  
Journal code: 0121103. ISSN: 0065-2598.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)

LA English

FS Priority Journals

EM 200612

ED Entered STN: 9 Nov 2006  
Last Updated on STN: 19 Dec 2006  
Entered Medline: 12 Dec 2006

L12 ANSWER 6 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
DUPLICATE 4

AN 2006:206496 BIOSIS

DN PREV200600205339

TI Mouse model for noninvasive imaging of HIF prolyl hydroxylase activity: Assessment of an oral agent that stimulates erythropoietin production.

AU Safran, Michal; Kim, William Y.; O'Connell, Fionnuala; Flippin, Lee; Guenzler, Volkmar; Horner, James W.; DePinho, Ronald A.; Kaelin, William G. Jr [Reprint Author]

CS Harvard Univ, Dept Med Oncol, Brigham and Womens Hosp, Dana Farber Canc Inst, Sch Med, Boston, MA 02115 USA



william\_kaelin@dfci.harvard.edu  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (JAN 3 2006) Vol. 103, No. 1, pp. 105-110.  
CODEN: PNASA6. ISSN: 0027-8424.  
DT Article  
LA English  
ED Entered STN: 22 Mar 2006  
Last Updated on STN: 22 Mar 2006

L12 ANSWER 7 OF 18 MEDLINE on STN DUPLICATE 5  
AN 2005287650 MEDLINE  
DN PubMed ID: 15741220  
TI Copper-dependent activation of hypoxia-inducible factor (HIF)-1:  
implications for ceruloplasmin regulation.  
AU Martin Falk; Linden Tobias; Katschinski Dorthe M; Oehme Felix; Flamme  
Ingo; Mukhopadhyay Chinmay K; Eckhardt Katrin; Troger Juliane; Barth  
Sandra; Camenisch Gieri; Wenger Roland H  
CS Carl-Ludwig-Institute of Physiology, University of Leipzig, Germany.  
SO Blood, (2005 Jun 15) Vol. 105, No. 12, pp. 4613-9. Electronic  
Publication: 2005-03-01.  
Journal code: 7603509. ISSN: 0006-4971.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200507  
ED Entered STN: 4 Jun 2005  
Last Updated on STN: 14 Jul 2005  
Entered Medline: 13 Jul 2005

L12 ANSWER 8 OF 18 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2006:495280 CAPLUS  
DN 145:312703  
TI Modulation of TRAIL-induced tumor cell apoptosis in a hypoxic environment  
AU Mayes, Patrick A.; Campbell, Latoya; Ricci, M. Stacey; Plastaras, John P.;  
Dicker, David T.; El-Deiry, Wafik S.  
CS Laboratory of Molecular Oncology and Cell Cycle Regulation; Departments of  
Medicine (Hematology/Oncology), Genetics, and Pharmacology; and the  
Abramson Comprehensive Cancer Center, University of Pennsylvania School of  
Medicine, Philadelphia, PA, USA  
SO Cancer Biology & Therapy (2005), 4(10), 1068-1074  
CODEN: CBTAAO; ISSN: 1538-4047  
PB Landes Bioscience  
DT Journal  
LA English  
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 9 OF 18 MEDLINE on STN DUPLICATE 6  
AN 2005211080 MEDLINE  
DN PubMed ID: 15563275  
TI Regulation of the prolyl hydroxylase domain protein 2 (phd2/egln-1) gene:  
identification of a functional hypoxia-responsive element.  
AU Metzen Eric; Stiehl Daniel P; Doege Kathrin; Marxsen Jan H; Hellwig-Burgel  
Thomas; Jelkmann Wolfgang  
CS Institute of Physiology, University of Luebeck, Ratzeburger Allee 160,  
D23538 Luebeck, Germany.. metzen@physio.uni-luebeck.de  
SO The Biochemical journal, (2005 May 1) Vol. 387, No. Pt 3, pp. 711-7.  
Journal code: 2984726R. E-ISSN: 1470-8728.  
CY England; United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English

FS Priority Journals  
EM 200604  
ED Entered STN: 23 Apr 2005  
Last Updated on STN: 8 Apr 2006  
Entered Medline: 7 Apr 2006

L12 ANSWER 10 OF 18 MEDLINE on STN DUPLICATE 7  
AN 2005395388 MEDLINE  
DN PubMed ID: 16054088  
TI Mitochondrial dysfunction resulting from loss of cytochrome c impairs cellular oxygen sensing and hypoxic HIF-alpha activation.  
AU Mansfield Kyle D; Guzy Robert D; Pan Yi; Young Regina M; Cash Timothy P; Schumacker Paul T; Simon M Celeste  
CS Abramson Family Cancer Research Institute, University of Pennsylvania, Philadelphia, Pennsylvania 19104, USA.  
SO Cell metabolism, (2005 Jun) Vol. 1, No. 6, pp. 393-9.  
Journal code: 101233170. ISSN: 1550-4131.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 200509  
ED Entered STN: 2 Aug 2005  
Last Updated on STN: 11 Sep 2005  
Entered Medline: 9 Sep 2005

L12 ANSWER 11 OF 18 MEDLINE on STN DUPLICATE 8  
AN 2004200808 MEDLINE  
DN PubMed ID: 15082527  
TI Distinct aerobic and hypoxic mechanisms of HIF-alpha regulation by CSN5.  
AU Bemis Lynne; Chan Denise A; Finkielstein Carla V; Qi Lin; Sutphin Patrick D; Chen Xiaojiang; Stenmark Kurt; Giaccia Amato J; Zundel Wayne  
CS Departments of Medicine and Biochemistry, University of Colorado Health Sciences Center, Denver, Colorado 80262, USA.  
NC CA102301 (NCI)  
SO Genes & development, (2004 Apr 1) Vol. 18, No. 7, pp. 739-44.  
Journal code: 8711660. ISSN: 0890-9369.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 200405  
ED Entered STN: 22 Apr 2004  
Last Updated on STN: 12 May 2004  
Entered Medline: 11 May 2004

L12 ANSWER 12 OF 18 MEDLINE on STN DUPLICATE 9  
AN 2003377317 MEDLINE  
DN PubMed ID: 12912907  
TI HIF prolyl-hydroxylase 2 is the key oxygen sensor setting low steady-state levels of HIF-1alpha in normoxia.  
AU Berra Edurne; Benizri Emmanuel; Ginouves Amandine; Volmat Veronique; Roux Daniele; Pouyssegur Jacques  
CS Institute of Signaling, Developmental Biology and Cancer Research, CNRS UMR 6543, Centre Antoine Lacassagne, 33 Avenue Valombrose, 06189 Nice, France.. berra@unice.fr

SO The EMBO journal, (2003 Aug 15) Vol. 22, No. 16, pp. 4082-90.  
 Journal code: 8208664. ISSN: 0261-4189.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200310  
 ED Entered STN: 13 Aug 2003  
 Last Updated on STN: 4 Oct 2003  
 Entered Medline: 3 Oct 2003

L12 ANSWER 13 OF 18 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2003039122 EMBASE  
 TI Gastric epithelial reactive oxygen species prevent normoxic degradation of hypoxia-inducible factor- $\alpha$  in gastric cancer cells.  
 AU Park J.-H.; Kim T.-Y.; Jong H.-S.; Kim T.Y.; Chun Y.-S.; Park J.-W.; Lee C.-T.; Jung H.C.; Kim N.K.; Bang Y.-J.  
 CS Y.-J. Bang, Department of Internal Medicine, Seoul Natl. Univ. Coll. of Medicine, Seoul 110-799, Korea, Republic of. bangyj@plaza.snu.ac.kr  
 SO Clinical Cancer Research, (1 Jan 2003) Vol. 9, No. 1 I, pp. 433-440. .  
 Refs: 43  
 ISSN: 1078-0432 CODEN: CCREF4  
 CY United States  
 DT Journal; Article  
 FS 005 General Pathology and Pathological Anatomy  
 016 Cancer  
 048 Gastroenterology  
 LA English  
 SL English  
 ED Entered STN: 7 Feb 2003  
 Last Updated on STN: 7 Feb 2003

L12 ANSWER 14 OF 18 MEDLINE on STN DUPLICATE 10  
 AN 2003049627 MEDLINE  
 DN PubMed ID: 12559177  
 TI Loss of pVHL is sufficient to cause HIF dysregulation in primary cells but does not promote tumor growth.  
 AU Mack Fiona A; Rathmell W Kimryn; Arsham Andrew M; Gnarra James; Keith Brian; Simon M Celeste  
 CS Abramson Family Cancer Research Institute, University of Pennsylvania School of Medicine, Philadelphia, PA 19104, USA.  
 NC 1F31HD (NICHD)  
 HL63310 (NHLBI)  
 SO Cancer cell, (2003 Jan) Vol. 3, No. 1, pp. 75-88.  
 Journal code: 101130617. ISSN: 1535-6108.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 200307  
 ED Entered STN: 2 Feb 2003  
 Last Updated on STN: 25 Jul 2003  
 Entered Medline: 24 Jul 2003

L12 ANSWER 15 OF 18 MEDLINE on STN DUPLICATE 11  
 AN 2002479820 MEDLINE  
 DN PubMed ID: 12242109  
 TI The role of iron in cell cycle progression and the proliferation of neoplastic cells.  
 AU Le Nghia T V; Richardson Des R

CS The Iron Metabolism and Chelation Group, The Heart Research Institute, 145  
Missenden Rd, Camperdown, New South Wales, 2050, Sydney, Australia.  
SO Biochimica et biophysica acta, (2002 Oct 2) Vol. 1603, No. 1, pp. 31-46.  
Ref: 167  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
General Review; (REVIEW)  
LA English  
FS Priority Journals  
EM 200211  
ED Entered STN: 21 Sep 2002  
Last Updated on STN: 13 Dec 2002  
Entered Medline: 20 Nov 2002

L12 ANSWER 16 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2003:304114 BIOSIS  
DN PREV200300304114  
TI THE ROLE OF CALCIUM IN THE REGULATION OF HYPOXIA - INDUCIBLE FACTOR (HIF ) ALPHA SUBUNITS.  
AU Bauer, A. L. [Reprint Author]; Schnell, P. O. [Reprint Author]; Striet, J. B. [Reprint Author]; Czyzyk-Krzeska, M. F. [Reprint Author]  
CS Dept Molec and Cell Physiol, Univ Cincinnati, Coll Med, Cincinnati, OH, USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 436.12. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
DT Conference; (Meeting)  
Conference; (Meeting Poster)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 2 Jul 2003  
Last Updated on STN: 2 Jul 2003

L12 ANSWER 17 OF 18 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2001:352228 BIOSIS  
DN PREV200100352228  
TI Regulation of hypoxia-inducible factor is preserved in the absence of a functioning mitochondrial respiratory chain.  
AU Vaux, Emma C.; Metzen, Eric; Yeates, Kay M.; Ratcliffe, Peter J. [Reprint author]  
CS Roosevelt Dr, The Henry Wellcome Building of Genomic Medicine, Oxford, OX3 7BN, UK  
[peter.ratcliffe@imm.ox.ac.uk](mailto:peter.ratcliffe@imm.ox.ac.uk)  
SO Blood, (July 15, 2001) Vol. 98, No. 2, pp. 296-302. print.  
CODEN: BLOOAW. ISSN: 0006-4971.  
DT Article  
LA English  
ED Entered STN: 25 Jul 2001  
Last Updated on STN: 19 Feb 2002

L12 ANSWER 18 OF 18 MEDLINE on STN DUPLICATE 12  
AN 1999333714 MEDLINE  
DN PubMed ID: 10403805  
TI Characterization of an oxygen/redox-dependent degradation domain of hypoxia-inducible factor alpha (HIF-alpha) proteins.  
AU Srinivas V; Zhang L P; Zhu X H; Caro J  
CS Cardeza Foundation for Hematologic Research, Department of Medicine, Thomas Jefferson University, Philadelphia, Pennsylvania, 19107-5099, USA.  
SO Biochemical and biophysical research communications, (1999 Jul 5) Vol.

260, No. 2, pp. 557-61.

Journal code: 0372516. ISSN: 0006-291X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199908

ED Entered STN: 16 Aug 1999

Last Updated on STN: 3 Mar 2000

Entered Medline: 5 Aug 1999